2

## LISTING OF PENDING CLAIMS

A listing of the entire set of pending claims is submitted herewith per 37 CFR 1.121. This claim listing replaces all prior versions, and listings, of claims in the application.

Claims 1-31 (Canceled)

32. (Previously Presented) In an information distribution system comprising server equipment for providing both content and non-content data to subscriber equipment, said server equipment comprising:

a multiplex switch for multiplexing a plurality of formatted content streams from server modules to produce an output stream that is adapted for transport via a communication channel, wherein said multiplexing of said formatted content streams is statistically performed; wherein said multiplex switch is further for formatting non-content data and for selectively multiplexing formatted non-content data into said output stream, and wherein said multiplexing of formatted non-content data is on a bandwidth availability basis that is predicted based on said multiplexing of said formatted content streams.

- 33. (Previously Presented) The server equipment of claim 32, wherein said multiplex switch includes a buffer for storing non-content data and a switch controller for determining a bandwidth utilization level of said multiplex switch, said switch controller further for causing at least a portion of said non-content data in said buffer to be multiplexed into said output stream when said bandwidth utilization level falls below a threshold utilization bandwidth level.
- 34. (Previously Presented) The server equipment of claim 33, wherein said threshold bandwidth utilization level comprises a utilization level sufficient to process a single time

344516-1

extent, wherein said content streams are divided into a plurality of respective time extents.

- 35. (Previously Presented) The server equipment of claim 33, wherein each of said content streams is divided into a plurality of respective time extents, and wherein said multiplex switch can multiplex a predefined number of time extents into said output stream.
- 36. (Previously Presented) The server equipment of claim 32, wherein said non-content data comprises control data and non-control data, and wherein said multiplex switch preferentially multiplexes said non-control data.
- 37. (Previously Presented) The server equipment of claim 32, wherein said non-content data comprises control data and non-control data, and wherein said multiplex switch preferentially multiplexes control data.
- 38. (Previously Presented) The server equipment of claim 32, wherein said content data includes MPEG data.
- 39. (Previously Presented) The server equipment of claim 32, wherein said noncontent data includes internet protocol data.
- 40. (Previously Presented) A method of providing content and non-content data to subscriber comprising the steps of:

statistically multiplexing a plurality of formatted content streams to produce an output stream that is adapted for transport via a communication channel;

formatting non-content data to fit the output stream;

predicting bandwidth availability based on the statistical multiplexing of the formatted content streams; and

Serial No. 09/458,322

4

selectively multiplexing formatted non-content data into said output stream on a bandwidth availability basis.

- 41. (Previously Presented) The method of claim 40 further including storing non-content data until bandwidth availability enables multiplexing of the stored non-content data.
- 42. (Previously Presented) The method of claim 40, furthering including dividing content streams into a plurality of respective time extents that are multiplexed a predefined number at a time into the output stream.
- 43. (Previously Presented) The method of claim 40 wherein the output stream is an MPEG data stream.
- 44. (Previously Presented) The method of claim 40 further including receiving the non-content data in an internet protocol format.